



## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/000646

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC7 H04B 7/26		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC7 H04B 7/26, H04Q 7/38, G01S 5/14, G08G 1/0968		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KR, JP as above		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/95511A1 (MOTOROLA INC.) 13 DEC 2001 (13.12.2001) see the detailed description and claim 11-17	1 - 4
Y	WO 02/79797A1 (NTT TOCOMO INC.) 10 OCT 2002 (10.10.2002) see the detailed description and claim 1	1 - 4
Y	KR 10-2001-0113370A (KYUIN JEE) 28 DEC 2001 (28.12.2001) see the claims and fig. 7	1 - 4
A	WO 01/48506A2 (QUALCOMN INC.) 05 JUL 2001 (05.07.2001) see the abstract and fig. 6	1 - 4
A	KR 10-2000-0033073A (DEOKJUNG KIM) 15 JUN 2000 (15.06.2000) see the claims	1 - 4
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 21 JUNE 2004 (21.06.2004)		Date of mailing of the international search report 22 JUNE 2004 (22.06.2004)
Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140		Authorized officer NAM, Ki Young Telephone No. 82-42-481-5710 

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/000646

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 01/95511A1	13.12.2001	US 6,438,381 B1 EP 1305886 A1 CN 1433591T	20.08.2002 02.05.2003 30.07.2003
WO 02/79797A1	10.10.2002	US 2004-29583A1 JP 2002-296339A2 EP 1376151A1	12.02.2004 09.10.2002 02.01.2004
KR 10-2001-0113370A	28.12.2001	NONE	
WO 01/48506A2	05.07.2001	US 6,289,280 B JP 2003-518632T2 EP 1252532A2	11.09.2001 10.06.2003 30.10.2002
KR 10-2000-0033073A	15.06.2000	NONE	